

# Converting Colors

Hex(FCE80F)

Have a look what the booklet for  
Hex(FCE80F) contains.

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**Color**

**Hex(FCE80F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCE80F
RGB	252, 232, 15
RGB Percent	99%, 91%, 6%
CMY	0.0118, 0.0902, 0.9412
CMYK	0.00, 0.08, 0.94, 0.01
HSL	55°, 98%, 52%
HSV	55°, 94%, 99%
XYZ	69.0877, 78.4432, 11.9517
YIQ	213.2420, 81.5770, -63.2470

# Conversions

## Conversions Part 2

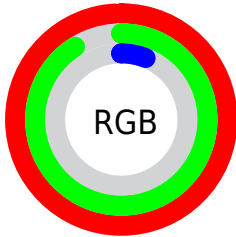
Format	Color
R <sub>Y</sub> B	37, 252, 15
Decimal	16574479
CIE Lab	90.98, -11.56, 88.69
CIE LCh	91, 89.442, 97.429
Yxy	78.4432, 0.4332, 0.4919
Android (android.graphics.Color)	4294764559 (0xFFFC80F)
YUV	213.2420, -97.7333, 33.9908
Hunter-Lab	88.5681, -15.7550, 53.9969

# Details

The Hex color **FCE80F** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **0F23FC**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF5F**, and **BFB100** is the 20% darker color. If you saturate the color by 10%, you get **FCE700**, and if you desaturate by 10%, it is **FCEA28**.

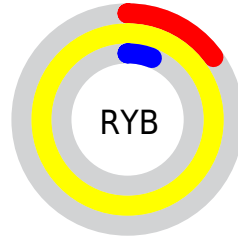
# Distribution



Red (99%)

Green (91%)

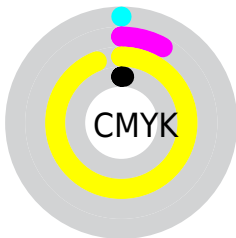
Blue (6%)



Red (15%)

Yellow (99%)

Blue (6%)

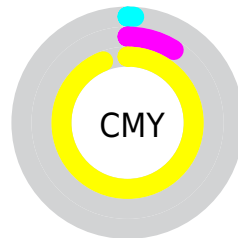


Cyan (0%)

Magenta (8%)

Yellow (94%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCE80F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FCE80F by changing the saturation by 10% instead.



 FCE80F

 FCE80F

FFFFFF

 DDCC00

 FFFF5F

 BFB100

 FFFF7E

 A19600

 FFFF9B

 837D00

 FFFFB9

 666400

 FFFFD7

 4A4D00

 FFFFF5

 303600

 182100

 000700

 FCE80F

 FCE80F

 FCE700

 FCEA28

 FCEC41

 FCEE5B

 FCF174

 FCF38D

 FCF5A6

 FCF7BF

 FCF9D9

 FCFBF2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFC93B



FCE80F



A0FD4F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FCE80F



00FFFF



FF9FFF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



FCE80F



0F23FC

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5FF



FCE80F



00FFFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FCE80F



00FFF9



1FE8FF



FF8FD3

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCE80F



36FF83



1FE8FF



FFABFF



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FCE80F



FFF9B8



FC0F27



807C54



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FCE80F



FFE900



9DFC0F



7D7C70



BDAD00



3D3800



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0F23FC



0016FF



6E0FFC



70727D



0010BD

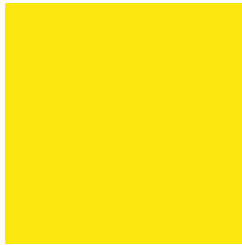


00053D



# Previews

## White Background



This preview shows how the Hex color FCE80F looks on a white background.

## Color Contrast Check

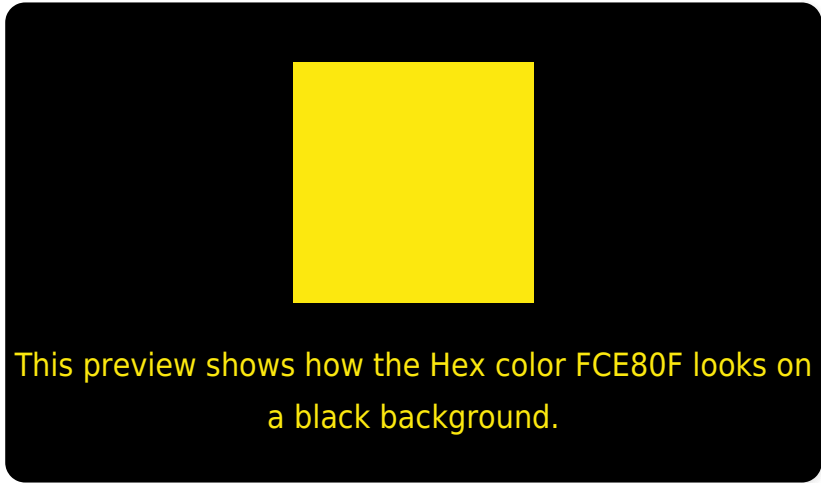
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FCE80F Background



This preview shows how black text looks on a background with the Hex color FCE80F.

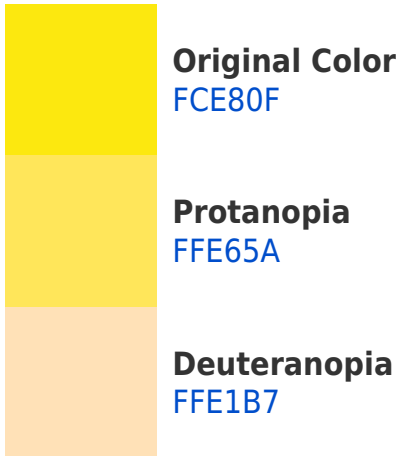


This preview shows how white text looks on a background with the Hex color FCE80F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
FFDCE7

# Trichromacy



**Original Color**  
FCE80F



**Protanomaly**  
FEE73F



**Deuteranomaly**  
FEE47A



**Tritanomaly**  
FEE098

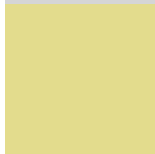
# Monochromacy



**Original Color**  
FCE80F



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
E3DC8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCE80F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FCE80F looks like.

```
.text, #text, p{  
    color:#FCE80F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FCE80F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCE80F
}
```

## Border

The CSS property to change the border of an element to Hex FCE80F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FCE80F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FCE80F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FCE80F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCE80F; -webkit-box-shadow:4px 4px  
4px 4px #FCE80F; box-shadow:4px 4px 4px  
4px #FCE80F }
```

# Background

The CSS property to change the background color of an element to Hex FCE80F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCE80F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FCE80F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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